

## WEST Search History

**Hide Items****Restore****Clear****Cancel**

DATE: Monday, March 08, 2004

**Hide?** **Set Name Query****Hit Count***DB=PGPB,USPT,EPAB,JPAB,TDBD; PLUR=NO; OP=OR*

<input type="checkbox"/>	L3	L2 and 1152	7
<input type="checkbox"/>	L2	L1 and 704/\$.ccls.	154
<input type="checkbox"/>	L1	MPEG and (layer I) and audio and (fourier adj transform\$6)	766

END OF SEARCH HISTORY

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**Search Results - Record(s) 1 through 4 of 4 returned.**

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L4: Entry 1 of 4

File: USPT

May 1, 2001

US-PAT-NO: 6226608

DOCUMENT-IDENTIFIER: US 6226608 B1

TITLE: Data framing for adaptive-block-length coding system

DATE-ISSUED: May 1, 2001

US-CL-CURRENT: 704/229; 345/545, 345/564, 386/68, 704/200.1, 704/201, 704/211,  
704/500, 704/503INT-CL: [07] G10 L 19/00, G10 L 21/04, G04 N 9/475

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L4: Entry 2 of 4

File: USPT

Dec 7, 1999

US-PAT-NO: 5999905

DOCUMENT-IDENTIFIER: US 5999905 A

TITLE: Apparatus and method for processing data to maintain continuity when  
subsequent data is added and an apparatus and method for recording said data

DATE-ISSUED: December 7, 1999

US-CL-CURRENT: 704/500; 704/503INT-CL: [06] G10 L 9/18, H03 M 7/30

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L4: Entry 3 of 4

File: USPT

Jun 9, 1998

US-PAT-NO: 5764698

DOCUMENT-IDENTIFIER: US 5764698 A

TITLE: Method and apparatus for efficient compression of high quality digital audio

DATE-ISSUED: June 9, 1998

US-CL-CURRENT: 375/241; 341/51, 704/500, 704/503INT-CL: [06] H03 M 7/34, H04 J 15/00, H04 B 1/66, G01 L 3/02

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L4: Entry 4 of 4

File: USPT

Jul 1, 1997

US-PAT-NO: 5644310

DOCUMENT-IDENTIFIER: US 5644310 A

TITLE: Integrated audio decoder system and method of operation

DATE-ISSUED: July 1, 1997

US-CL-CURRENT: 341/143; 341/110, 341/117, 341/144, 360/27, 360/32, 386/96, 704/203,  
704/212, 710/52

INT-CL: [06] H04 J 3/06, H03 M 1/00

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09629109\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09629109 on March 04, 2004

Original Classifications

14	704/229
10	704/200.1
5	704/500
3	704/230
2	375/242
2	704/225

Cross-Reference Classifications

14	704/230
11	704/229
10	704/500
8	704/503
6	704/200.1
6	704/203
5	704/201
4	704/205
4	704/211
4	704/501
2	375/240
2	704/206
2	704/212
2	704/224

Combined Classifications

25	704/229
17	704/230
16	704/200.1
15	704/500
8	704/503
7	704/203
5	704/201
5	704/501
4	704/205
4	704/211
3	704/212
3	704/225
2	341/50
2	375/240
2	375/241
2	375/242
2	704/206
2	704/224
2	704/226

09629109\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09629109 on March 04, 2004

- 25 704/229 (14 OR, 11 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
 COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/201 .For storage or transmission  
 704/229 ..Adaptive bit allocation
- 17 704/230 (3 OR, 14 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
 COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/201 .For storage or transmission  
 704/230 ..Quantization
- 16 704/200.1 (10 OR, 6 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
 COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/200.1 .Psychoacoustic
- 15 704/500 (5 OR, 10 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
 COMPRESSION/DECOMPRESSION  
 704/500 AUDIO SIGNAL BANDWIDTH COMPRESSION OR EXPANSION
- 8 704/503 (0 OR, 8 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
 COMPRESSION/DECOMPRESSION  
 704/503 AUDIO SIGNAL TIME COMPRESSION OR EXPANSION  
 (E.G., RUN LENGTH CODING)

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09629109\_CLSTITLES

7 704/203 (1 OR, 6 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/201 .For storage or transmission  
 704/203 ..Transformation

5 704/201 (0 OR, 5 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/201 .For storage or transmission

5 704/501 (1 OR, 4 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/500 AUDIO SIGNAL BANDWIDTH COMPRESSION OR EXPANSIO

N

704/501 .With content reduction encoding

4 704/205 (0 OR, 4 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/201 .For storage or transmission  
 704/205 ..Frequency

4 704/211 (0 OR, 4 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
 704/200 SPEECH SIGNAL PROCESSING  
 704/201 .For storage or transmission  
 704/211 ..Time

3 704/212 (1 OR, 2 XR)  
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

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COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/201 .For storage or transmission  
704/211 ..Time  
704/212 ...Pulse code modulation (PCM)

3 704/225 (2 OR, 1 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/201 .For storage or transmission  
704/225 ..Gain control

2 341/50 (1 OR, 1 XR)  
Class 341 : CODED DATA GENERATION OR CONVERSION  
341/50 DIGITAL CODE TO DIGITAL CODE CONVERTERS

2 375/240 (0 OR, 2 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/240 BANDWIDTH REDUCTION OR EXPANSION

2 375/241 (1 OR, 1 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/240 BANDWIDTH REDUCTION OR EXPANSION  
375/241 .Pulse code modulation

2 375/242 (2 OR, 0 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/242 PULSE CODE MODULATION

2 704/206 (0 OR, 2 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/201 .For storage or transmission  
704/205 ..Frequency  
704/206 ...Specialized information

2 704/224 (0 OR, 2 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

		09629109 CLSTITLES
	704/200	SPEECH SIGNAL PROCESSING
	704/201	.For storage or transmission
	704/224	..Normalizing
2	704/226	(1 OR, 1 XR)
	Class 704 :	DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
		COMPRESSION/DECOMPRESSION
	704/200	SPEECH SIGNAL PROCESSING
	704/201	.For storage or transmission
	704/226	..Noise



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Search Results - Record(s) 1 through 5 of 5 returned.

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L6: Entry 1 of 5

File: USPT

Mar 5, 2002

US-PAT-NO: 6353703

DOCUMENT-IDENTIFIER: US 6353703 B1

TITLE: Video and audio coding method, coding apparatus, and coding program  
recording medium

DATE-ISSUED: March 5, 2002

US-CL-CURRENT: 386/104; 704/229INT-CL: [07] H04 N 5/928

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L6: Entry 2 of 5

File: USPT

Dec 16, 1997

US-PAT-NO: 5699484

DOCUMENT-IDENTIFIER: US 5699484 A

TITLE: Method and apparatus for applying linear prediction to critical band  
subbands of split-band perceptual coding systems

DATE-ISSUED: December 16, 1997

US-CL-CURRENT: 704/200.1; 704/220, 704/229, 704/230, 704/500INT-CL: [06] G10 L 3/02, G10 L 9/00

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L6: Entry 3 of 5

File: USPT

Sep 19, 1995

US-PAT-NO: 5451954

DOCUMENT-IDENTIFIER: US 5451954 A

TITLE: Quantization noise suppression for encoder/decoder system

DATE-ISSUED: September 19, 1995

US-CL-CURRENT: 341/200; 704/200.1INT-CL: [06] H03 M 7/00

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L6: Entry 4 of 5

File: USPT

Feb 28, 1995

US-PAT-NO: 5394473

DOCUMENT-IDENTIFIER: US 5394473 A

**\*\* See image for Certificate of Correction \*\***TITLE: Adaptive-block-length, adaptive-transform, and adaptive-window transform  
coder, decoder, and encoder/decoder for high-quality audio

DATE-ISSUED: February 28, 1995

US-CL-CURRENT: 704/200.1; 375/240, 704/203, 704/206, 704/258, 704/501

INT-CL: [06] G10 L 5/00

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L6: Entry 5 of 5

File: USPT

Mar 22, 1994

US-PAT-NO: 5297236

DOCUMENT-IDENTIFIER: US 5297236 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Low computational-complexity digital filter bank for encoder, decoder, and encoder/decoder

DATE-ISSUED: March 22, 1994

US-CL-CURRENT: 704/203

INT-CL: [05] G10L 9/00

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